

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

Claim 1 (Original): An image-forming apparatus, comprising:

a fixing unit,

the fixing unit including:

a heating part including a heating element;

a power storage unit configured to supply power to the heating part so that the heating element of the heating part generates heat, the power storage unit including a chargeable and dischargeable capacitor; and

a controller configured to control an operation of the power storage unit,

wherein, when image-forming operation of the image-forming apparatus is suspended by an abnormality, the controller performs control such that the capacitor is charged in accordance with a remaining amount of stored energy thereof.

Claim 2 (Original) The image-forming apparatus as claimed in claim 1, wherein the controller performs the control such that the capacitor is charged in accordance with the remaining amount of stored energy thereof when a state of the suspended image-forming operation allows returning to the image-forming operation.

Claim 3 (Original) The image-forming apparatus as claimed in claim 1, wherein the controller performs the control such that the capacitor is charged until a voltage of the capacitor is higher than or equal to a predetermined voltage.

Claim 4 (Original) An image-forming apparatus, comprising:

- a fixing unit,
- the fixing unit including:
 - a heating part including a heating element;
 - a power storage unit configured to supply power to the heating part so that the heating element of the heating part generates heat, the power storage unit including a chargeable and dischargeable capacitor; and
 - a controller configured to control an operation of the power storage unit,
- wherein, when image-forming operation of the image-forming apparatus is stopped, the controller performs control such that the capacitor is charged in accordance with a remaining amount of stored energy thereof.

Claim 5 (Original) The image-forming apparatus as claimed in claim 4, wherein the controller performs the control such that the capacitor is charged in accordance with the remaining amount of stored energy thereof when a state of the stopped image-forming operation allows returning to the image-forming operation.

Claim 6 (Original) The image-forming apparatus as claimed in claim 4, wherein the controller performs the control such that the capacitor is charged until a voltage of the capacitor is higher than or equal to a predetermined voltage.

Claim 7 (Original) An image-forming apparatus, comprising:

- a fixing unit,
- the fixing unit including:
 - a heating part including a heating element;

a power storage unit configured to supply power to the heating part so that the heating element of the heating part generates heat, the power storage unit including a chargeable and dischargeable capacitor; and

control means for controlling an operation of the power storage unit,

wherein, when image-forming operation of the image-forming apparatus is suspended by an abnormality, the control means performs control such that the capacitor is charged in accordance with a remaining amount of stored energy thereof.

Claim 8 (Original) An image-forming apparatus, comprising:

a fixing unit,

the fixing unit including:

a heating part including a heating element;

a power storage unit configured to supply power to the heating part so that the heating element of the heating part generates heat, the power storage unit including a chargeable and dischargeable capacitor; and

control means for controlling an operation of the power storage unit,

wherein, when image-forming operation of the image-forming apparatus is stopped, the control means performs control such that the capacitor is charged in accordance with a remaining amount of stored energy thereof.

Claim 9 (New): An image-forming apparatus according to Claim 1, wherein said capacitor has a capacitance of more than 80F.

Claim 10 (New): An image forming apparatus according to Claim 1, wherein said capacitor has a capacitance of more than 2000F.

Claim 11 (New): An image forming apparatus according to Claim 1, wherein said capacitor is an electric double layer capacitor.

Claim 12 (New): An image forming apparatus according to Claim 1, further comprising:

a switch; and

a power supply unit;

wherein the heating part further comprises an additional heating element and the additional heating element is fed with power from the power supply unit through said switch.

Claim 13 (New): An image forming apparatus according to Claim 12, further comprising:

a charger;

wherein the charger is fed with power from the power supply unit and is configured to charge the power storage unit.

Claim 14 (New): An image forming apparatus according to Claim 1, wherein said abnormality of the image forming apparatus is a paper jam.

Claim 15 (New): An image forming apparatus according to Claim 4, wherein said remaining amount of stored energy is determined by a voltage sensor coupled to said capacitor.